



Carpet Finish Compression Loudspeaker

Carpet Finish Compression Loudspeaker

XVP-1020 / XVP-1220 / XVP-1220F XVP-1520 / XVP-2520 / XVP-1800S



XVP-1520 Compression Loudspeaker

This XVP-1520 is a 320-Watt 2-way PA speaker system, perfect for the requirements of professional musicians and commercial installations. It boasts a powerful 15" long-excursion driver for massive acoustic power and a state-of-the-art 1.75" titanium-diaphragm compression driver for exceptional high-frequency reproduction.

XVP-1220 Compression Loudspeaker

This XVP-1220 is a 160-Watt 2-way PA speaker system, perfect for the requirements of professional musicians and commercial installations. It boasts a powerful 12" long-excursion driver for massive acoustic power and a state-of-the-art 1.75" titanium-diaphragm compression driver for exceptional high-frequency reproduction.



XVP-1220F Compression Loudspeaker

This XVP-1220F is a 160-Watt 2-way floor monitor, perfect for the requirements of professional musicians and commercial installations. It boasts a powerful 12" long-excursion driver for massive acoustic power and a state-of-the-art 1.75" titanium-diaphragm compression driver for exceptional high-frequency reproduction.





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XVP-1020 Compression Loudspeaker

This XVP-1020 is a 150-Watt 2-way PA speaker system, perfect for the requirements of professional musicians and commercial installations. It boasts a powerful 10" long-excursion driver for massive acoustic power and a state-of-the-art 1.75" titanium-diaphragm compression driver for exceptional high-frequency reproduction.

XVP-1800S Compression Loudspeaker

This XVP-1800S is a 800-Watt subwoofer for PA applications, perfect for the requirements of professional musicians and commercial installations. It boasts a powerful 18" woofer for massive acoustic power and precise reproduction of ultra-low frequencies.



XVP-2520 Compression Loudspeaker

This XVP-2520 is a 450-Watt 2-way PA speaker system, perfect for the requirements of professional musicians and commercial installations. It boasts 2 powerful 15" long-excursion drivers for massive acoustic power and a state-of-the-art 1.75" titanium-diaphragm compression driver for exceptional high-frequency reproduction.





Carpet Finish Electro - Dynamic Loudspeaker



XVP-2520

XVP-1220

XVP-1020

XVP-1520

XVP-1800S

XVP-1220F

SPECIFICATIONS

	XVP-1020	XVP-1220	XVP-1220F	XVP-1520	XVP-2520	XVP-1800S
SYSTEM DATA						
Music Power	75W	80W	80W	160W	225W	425W
Peak Power	300W	320W		640W	900W	1700W
Type	2-way full-range speaker					subwoofer
Frequency response	70 Hz - 20kHz	60 Hz - 20kHz		50 Hz - 20kHz	45 Hz - 20kHz	35 Hz - 250kHz
Impedance	8 Ohm				4 Ohm	
Sound pressure level	98 dB (Full Space: 1 W @ 1 m)					98 dB (1 W @ 1 m)
Dispersion	90°x 40°					-
Crossover frequency	3.5 kHz				2.7 kHz	- (200 Hz recommended)
Rigging/fittings	- ergonomically shaped handles - integral tripod/stand adapter	- ergonomically shaped handle	- ergonomically shaped handles - integral tripod/stand adapter	- ergonomically shaped handles - integral tripod/stand adapter	- ergonomically shaped handles	- ergonomically shaped handles - 35-mm pole socket
COMPONENTS						
HF driver	1.75" titanium-diaphragm compression driver					-
Woofer	10" (259 mm)	12" (307 mm)		15" (385 mm)	2 x 15" (385 mm)	18" (460 mm)
DIMENSIONS/WEIGHT						
Width	14.8 / 8.8" (375 / 223mm)	16.5" / 10.6" (420 / 270 mm)	16.7" (424 mm)	18.1 / 12" (459 / 305 mm)	21.5" (545 mm)	26.5" (672 mm)
Height	20.3" (515 mm)	21.4" (544 mm)	21.7" (550 mm)	25.4" (645 mm)	43.6" (1108 mm)	33.5" (850 mm)
Depth	13" (330 mm)	13.1" (332 mm)	13" / 4.5" (330 / 115 mm)	13.1" (332 mm)	19.6" (497 mm)	17.6" (446 mm)
Weight	30.9 lbs (14 kg)	37.7 lbs (17.1 kg)	35.9 lbs (16.3 kg)	46.3 lbs (21 kg)	90.4 lbs (41 kg)	108.5 lbs (49.2 kg)
Shipping weight	35.3 lbs (16 kg)	41.9 lbs (19 kg)	39.7 lbs (18 kg)	48.5 lbs (22 kg)	94.8 lbs (43 kg)	116.8 lbs (53 kg)

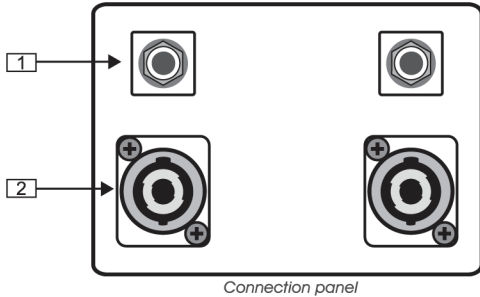


Carpet Finish Compression Loudspeaker

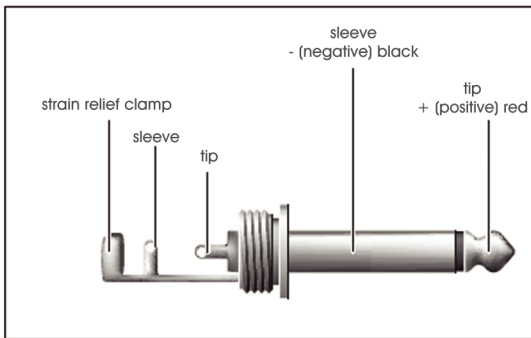
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CONNECTIONS

The loudspeaker includes two different types of speaker inputs. You will find these on the connection panel at the rear of the loudspeaker.

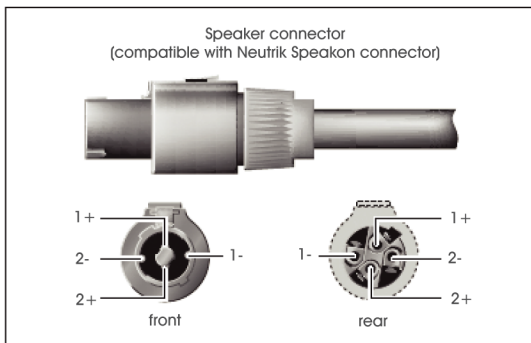


1 1/2" TS loudspeaker connectors.



1/2" TS loudspeaker connector

2 Professional speaker connectors (compatible with Neutrik Speakon connectors). The pin designation of the speaker is pins 1+ and 1-. Pins 2+ and 2- are not connected.



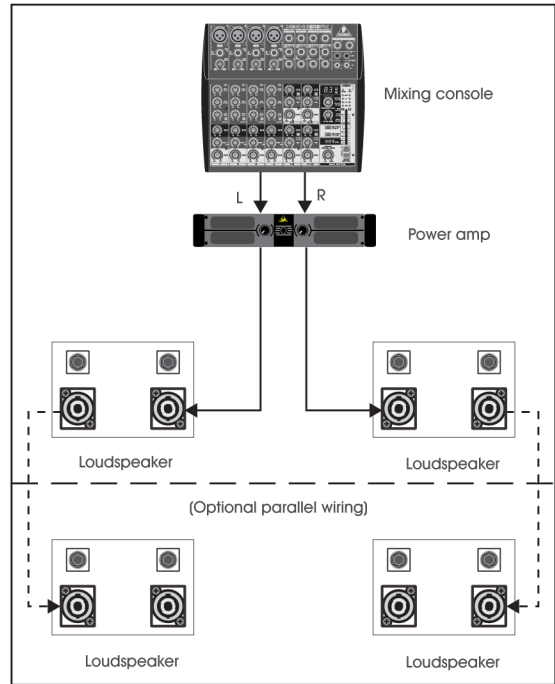
Professional connector
(Neutrik Speakon-compatible connector)

Both connectors of each type are wired in parallel. You can optionally connect one of the connectors to output on your power amp, and tap into the signal on the second connector in order to feed this signal into an additional loudspeaker.

WIRING

FULL-RANGE STEREO OPERATION

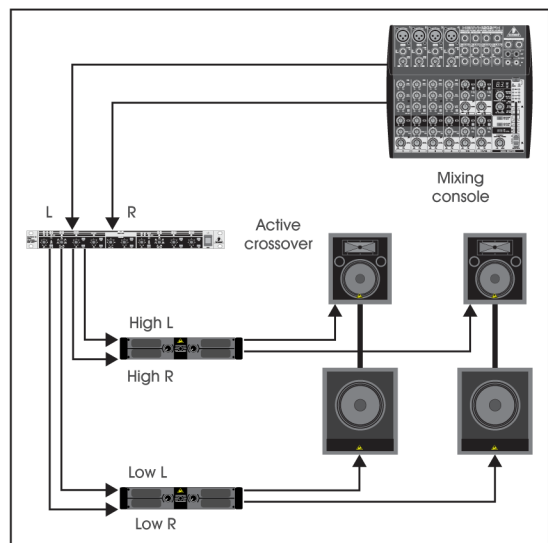
In the following example, the main output signal of a mixing console is connected to a power amplifier. Both the outputs and inputs are stereo. A full-range loudspeaker is connected to each amp output, and these loudspeakers reproduce the entire frequency range (full range).



Full-range stereo operation

TWO-WAY STEREO OPERATION WITH SUBWOOFERS

Using an external (active) crossover, the main output signal of a mixing console is divided into two signals. One signal covers the lower frequency range and the other signal cover the mid-to-high-frequency range. The recommended crossover frequency is 200 Hz. Then, the mid-high frequency signal is connected to a stereo power amplifier. A loudspeaker is connected to each of the amplifiers outputs. The low-frequency signal is connected to an additional power amplifier, which powers the subwoofers.



Two-way stereo operation with subwoofers